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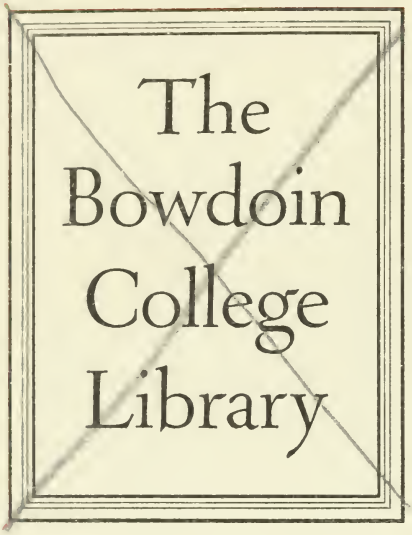

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CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

AMHERST COLLEGE,

FOR THE

ACADEMICAL YEAR,

1863-64.

SPRINGFIELD:
SAMUEL BOWLES & COMPANY, PRINTERS.
1863.

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LECTURER IN ZOÖLOGY, AND CURATOR OF THE CABINET.

ABBREVIATIONS.

N. C.	North College.
S. C.	South College.
E. C.	East College.

SENIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
Clark, William Jackson	*St. Louis, Mo.,*	31 S. C.
Crane, Whiting Sanford	*Middletown, N. Y.,*	5 S. C.
Deady, John Ambrose	*Amherst,*	Mr. Deady's.
Dunbar, John Brown	*Robinson, Kansas,*	3 S. C.
Farnham, David Smith	*West Lebanon, Me.,*	26 N. C.
Fitts, Calvin Richards	*Rockville,*	27 N. C.
Foster, Edgar Lowell	*East Machias, Me.,*	30 N. C.
Glover, Edward Weston	*Amherst,*	Mr. Burt's.
Guilford, Jonas	*Spencer,*	27 S. C.
Harrington, Nathan	*Paxton,*	9 N. C.
Hoffman, Washington Atlee	*Philadelphia, Pa.,*	23 S. C.
Holt, George Henry	*West Boylston,*	23 S. C.
Lamson, Charles Marion	*North Hadley,*	4 Sweetser Hall.
Lee, James Hattrick	*Charlestown,*	1 Sweetser Hall.
Locke, William Edwin	*New Ipswich, N. H.,*	24 N. C.
Lord, Daniel Bulkeley	*Hebron, Ct.,*	16 N. C.
McDonald, Farquharson Griffith	*Dubuque, Iowa,*	30 S. C.
Mirick, Edward Augustus	*Greenfield,*	6 N. C.
Sampson, Chandler	*Charlestown,*	22 S. C.
Sears, Henry Franklin	*West Hawley,*	14 N. C.
Smith, Horace Antony	*Amherst,*	13 N. C.
Storrs, Henry Edward	*Amherst,*	9 S. C.
Sturgess, Fred Eugene	*Augusta, Me.,*	48 E. C.
Tenney, Henry Martyn	*Concord, N. H.,*	6 Sweetser Hall.

NAMES.	RESIDENCES.	ROOMS.
Towne, Edward Southworth	*Chicopee,*	5 N. C.
Travis, Charles Bradford	*Holliston,*	47 E. C.
Tyler, William Wellington	*Amherst,*	Prof. Tyler's.
Whitcomb, George Henry	*Worcester,*	5 Sweetser Hall.
Whiting, William Hammond	*St. Albans, Vt.,*	5 S. C.
Williston, Martin Luther	*Northampton,*	29 N. C.

JUNIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
Abbott, Asa George	*Andover*,	10 S. C.
Allen, Frank Richmond	*Boston*,	6 Sweetser Hall.
Babb, Thomas Earle	*New York City*,	8 S. C.
Babbitt, James Howard	*Taunton*,	11 S. C.
Bale, Albert Galliford	*Dubuque, Iowa*,	2 Sweetser Hall.
Barker, James Lawrence	*Lawrence*,	7 N. C.
Barnes, Horace Franklin	*Charlestown*,	22 N. C.
Bartlett, Edward Newton	*Amsterdam, N. Y.*,	15 N. C.
Bishop, James Lord	*Rochester, N. Y.*,	12 N. C.
Bolton, Charles Edward	*South Hadley Falls*,	1 S. C.
Campbell, Alvin Cutler	*Brooklyn, N. Y.*,	32 N. C.
Clarke, William Bradley	*Amherst, N. H.*,	38 E. C.
Cooley, Orrin	*South Deerfield*,	5 N. C.
Currier, Edward West	*New York City*,	18 S. C.
Dickinson, Edwin Hastings	*South Amherst*,	6 S. C.
Eaton, James Howard	*Andover*,	39 E. C.
Efner, Henry White	*West Springfield*,	41 E. C.
Emerson, Ben Kendall	*Nashua, N. H.*,	28 N. C.
Emery, John Anson	*Chatham*,	4 N. C.
Frost, Edwin Perry	*North Charlestown, N. H.*,	21 N. C.
Gammell, Sereno Dwight	*Charlestown*,	1 Sweetser Hall.
Gray, George Dickman	*Amherst*,	Hon. R. B. Hubbard's.
Greene, Henry Mottais	*Andover*,	17 S. C.
Greene, Porter Woods	*Hadley*,	30 E. C.

NAMES.	RESIDENCES.	ROOMS.
Hammond, John Chester	*Hadley,*	24 S. C.
Hannum, Francis Hutchinson	*Easthampton,*	Mr. Shumway's.
Hardy, Vitellus Merrill	*Wilton, Me.,*	Mr. M. B. Dickinson.
Harlow, Rufus Kendrick	*Middleborough,*	7 S. C.
Harwood, Charles Elliott	*Enfield,*	25 S. C.
Holland, Frederic	*Barre,*	31 E. C.
Houghton, Joseph Goodhue	*Chelsea, Vt.,*	23 N. C.
Howland, Albert Henry	*West Barnstable,*	15 S. C.
Jones, Edmund Adams	*Rockville,*	3 Phenix Hall.
Kittredge, George Dimmick	*Mt. Vernon, N. H.,*	4 Phenix Hall.
Knox, William Shadrack	*Lawrence,*	Phenix Hall.
Lane, Charles Edward	*So. Newmarket, N. H.,*	14 S. C.
March, Daniel	*Philadelphia, Pa.,*	8 N. C.
McEwen, Robert	*Buffalo, N. Y.,*	17 N. C.
Mears, David Otis	*Essex,*	44 E. C.
Merrill, George Cooke	*Andover,*	25 N. C.
Merrill, George Robert	*Newburyport,*	21 S. C.
Moulton, Henry Percy	*North Beverly,*	4 S. C.
Ober, William Foster	*Beverly,*	2 S. C.
Pasco, Martin Kellogg	*Hadley,*	32 S. C.
Putnam, George Levi	*Grafton, Vt.,*	39 E. C.
Rockwell, Frank Warren	*Brooklyn, N. Y.,*	43 E. C.
Runnels, John Sumner	*Tamworth, N. H.,*	28 S. C.
Sampson, Zabdiel Sidney	*Fairhaven,*	40 E. C.
Sawyer, Joseph Henry	*Fergusonville, N. Y.,*	10 N. C.
Saylor, Francis Hoffman	*Schuylkill Haven, Pa.,*	19 S. C.
Smith, Edward Payson	*Middlefield,*	2 Sweetser Hall.
Smith, Franklin Emerson	*Amherst,*	6 S. C.
Smith, Thomas Stanley	*Reading, Pa.,*	11 N. C.
Thresher, Almon Underwood	*Stafford, Ct.,*	9 N. C.
Thurston, Philander	*Enfield,*	29 S. C.
Turner, Charles Willard	*Newton Center,*	3 Phenix Hall.
Tyler, Henry Mather	*Amherst,*	Prof. Tyler's.
Tyler, John Bennett	*Northampton,*	12 S. C.

SOPHOMORE CLASS.

NAMES.	RESIDENCES.	ROOMS.
Allen, Laban Wheaton	*E. Jaffrey, N. H.,*	3 Sweetser Hall.
Baker, Edward Nelson	*Amherst,*	Alfred Baker's.
Ball, Albert Horton	*Amherst,*	Rev. M. Ball's.
Barlow, Elisha Hubbard	*Lee,*	2 Phenix Hall.
Bartlett, John Pliny	*Hamilton, Ohio,*	3 Sweetser Hall.
Belcher, William	*New London, Ct.,*	21 E. C.
Bell, Newton Hervey	*Kossuth, Iowa,*	19 N. C.
Bishop, Edward Nelson	*Windsor, Vt.,*	21 S. C.
Blake, Maurice Benaiah	*Gilmanton, N. H.,*	42 E. C.
Bliss, Jason Henry	*Amherst,*	Rev. Z. Bliss's.
Board, Joseph	*Chester, N. Y.,*	6 E. C.
Bond, William Raynolds	*Springfield,*	8 E. C.
Bradbury, Henry Chase	*Hudson, N. Y.,*	14 E. C.
Brayton, George	*Westernville, N. Y.,*	Mrs. Hubbard's.
Bridgman, Herbert Lawrence	*Amherst,*	14 N. C.
Brown, Samuel Walley	*Brooklyn, N. Y.,*	Mr. Cooke's.
Chandler, Charles Henry	*Hardwick,*	16 N. C.
Cole, Royal Merriman	*Stark, N. H.,*	Miss McDermott's.
Curtiss, Samuel Ives	*Union, Ct.,*	16 N. C.
Dame, John Edward	*Farmington, N. H.,*	12 E. C.
Davison, Royal Elmore	*Northampton,*	18 N. C.
Dike, Samuel Johnson	*Beverly,*	Miss McDermott's.
Fairbanks, Joseph Whitcomb	*Ashburnham,*	Miss McDermott's.
Fish, Rodolphus Dickinson	*Rowe,*	Miss McDermott's.

NAMES.	RESIDENCES.	ROOMS.
Fisher, William Phineas	*Hamilton, C. W.,*	1 Phenix Hall.
French, John	*Philadelphia, Pa.,*	27 E. C.
Gage, Nehemiah Hutchinson	*Hudson, N. H.,*	13 E. C.
Harris, George, Jr.	*Columbia Falls, Me.,*	30 N. C.
Kimball, Alonzo Smith	*Centre Sandwich, N. H.,*	16 E. C.
Lippitt, Andrew Clark, Jr.	*New London, Ct.,*	5 E. C.
Marsh, John Worthington	*Woodstock, Vt.,*	24 E. C.
Moody, John Armstrong	*Amsterdam, N. Y.,*	Mrs. Whitaker's.
Morris, Lewis Foster	*Branford, Ct.,*	22 E. C.
Moses, Vincent	*Clymer, N. Y.,*	46 E. C.
Neill, Heman Humphrey	*Geneseo, N. Y.,*	Mrs. Hubbard's.
Noyes, Stephen Dutton	*Andover,*	13 E. C.
Paine, Charles Russell	*South Yarmouth,*	15 S. C.
Parkhurst, Charles Henry	*Clinton,*	45 E. C.
Peirce, Henry Thompson	*Harlem, N. Y.,*	19 S. C.
Pelton, Henry Varick	*Poughkeepsie, N. Y.,*	9 E. C.
Phelps, John Wesley	*Springfield,*	25 E. C.
Phipps, Charles Richard	*Webster,*	11 E. C.
Rand, Stephen Bailey	*Holyoke,*	22 E. C.
Rice, Alvin Button	*Panama, N. Y.,*	46 E. C.
Roe, Charles Board	*Chester, N. Y.,*	6 E. C.
Sargent, Frank Dana Stedman	*Newton Center,*	20 S. C.
Seiple, Henry Francois	*Weaversville, Pa.,*	10 E. C.
Skinner, Harry Morgan	*Hudson, N. Y.*	
Small, Herbert Morley	*Newton Centre,*	20 S. C.
Smith, Samuel Curtis	*Worcester,*	26 E. C.
Smith, Thomas Snell	*Jaffna, Ceylon,*	26 E. C.
Spear, Asa Adams	*North Amherst,*	29 E. C.
Spear, James Edwin	*Shutesbury,*	Miss McDermott's.
Twichell, Erastus William	*Springville, N. Y.,*	15 E. C.
Valentine, Samuel Hempstead	*New York City,*	35 E. C.
Vroman, Joseph Perry	*West Gilboa, N. Y.,*	Mr. Shumway's.
Webb, Stephen Weston	*Buda, Ill.,*	2 E. C.
Weston, Henry Crosby	*Charlestown,*	Rev. Mr. Ball's.
Weston, William	*Middleton,*	7 E. C.

NAMES.	RESIDENCES.	ROOMS.
Whitaker, Alfred Edward	*Amherst,*	Mrs. Whitaker's.
Williams, Hinckley Wright	*Goshen,*	7 N. C.
Wood, Jacob Winslow	*Easton, Pa.,*	23 E. C.
Woodbury, Charles Johnson	*Jackson, Mich.,*	Mrs. Burnett's.
Ziegler, George Frederick	*Greencastle, Pa.,*	Mrs. Bentley's.

FRESHMAN CLASS.

NAMES.	RESIDENCES.	ROOMS.
Ballard, Ben. Franklin Whittemore	*West Newton,*	3 E. C.
Barber, George Warren	*Orange,*	31 N. C.
Beaman, John Warren	*North Hadley,*	Mrs. Merrick's.
Brown, Francis Winfield	*Shelden, N. Y.,*	18 E. C.
Buffum, George Henry	*Winchester, N. H.,*	Mrs. Cadwell's.
Burnette, Francis Ellsworth	*Dudley,*	Mrs. Franklin's.
Burnham, Josiah	*Dunbarton, N. H.,*	18 E. C.
Burnham, Michael	*Essex,*	44 E. C.
Carmichael, Henry	*Brooklyn, N. Y.,*	Prof. Mather's.
Cobb, William Henry	*Marion,*	34 E. C.
Danforth, Galen Bancroft	*Chatham,*	33 E. C.
Donnell, James Dickinson	*Hatfield,*	Misses McDermott's.
Earle, Edward Bartlett	*South Abington,*	Mrs. Franklin's.
Earle, James Hervey	*South Abington,*	Mrs. Franklin's.
Ells, Daniel Swan	*Medford,*	Mr. Shumway's.
Fernald, John Prince	*South Danvers,*	Mr. Dickinson's.
Field, Edward Augustus	*New London, Ct.,*	Mrs. Child's.
Fisk, Marcus Marcellus	*Boston,*	Amherst House.
Flichtner, George Frederic	*Ipswich,*	Mr. Shumway's.
Foster, George Emory	*Hardwick,*	American House.
Herrick, Dwight Stiles	*Chicopee Falls,*	Dea. Hunt's.
Hill, Calvin Grout	*West Medway,*	31 N. C.
Homer, William Bradford	*Brookline,*	Mr. Eastman's.
Horton, William Edgar	*Canton,*	17 E. C.

NAMES.	RESIDENCES.	ROOMS.
Jenniss, Albert Lyman	*Wolfborough, N. H.,*	12 E. C.
Kittredge, Hamilton	*St. Johnsbury, Vt.,*	8 E. C.
Livermore, Albert	*Spencer,*	27 S. C.
Lyman, Payson Williston	*Easthampton.*	
March, Fred. William	*Philadelphia, Pa.,*	8 N. C.
Mead, William Rutherford	*Brattleboro, Vt.,*	Mrs. Bentley's.
Nash, Francis Orlander	*Machias, Me.,*	Mr. Bell's.
Page, Henry Moulthrop	*Milford, N. H.,*	Mrs. Cadwell's.
Park, Charles Ware	*West Boxford,*	19 E. C.
Peckham, William Clark	*Westminster,*	34 E. C.
Root, Elihu	*Belchertown,*	Dea. Hunt's.
Seymour, Frederic	*Peekskill, N. Y.,*	Mrs. Adams's.
Stokes, James Fraser	*Lebanon, Tenn.,*	Rev. Mr. Cooke's.
Stokes, William Campbell	*Lebanon, Tenn.,*	Rev. Mr. Cooke's.
Streeter, Solomon Thayer	*Vernon, Vt.,*	36 E. C.
Taft, Ezra Fletcher	*Dedham,*	33 E. C.
Tasker, Melvin Blanchard	*Sandwich Centre, N. H.,*	16 E. C.
Terry, Cassius Marcellus	*Clymer, N. Y.,*	32 E. C.
Terry, Nathaniel Matson	*South Weymouth,*	Mr. Eastman's.
Terry, John Calvin	*North Weymouth,*	19 E. C.
Thompson, Charles Hutchinson	*Lancaster, Pa.,*	Mrs. Adams's.
Tyler, Arthur Wellington	*New York City.*	
Ward, Samuel	*Newton Centre,*	3 Phenix Hall.
White, William Henry	*Grafton,*	Mr. Eastman's.
Wiggins, Samuel Beede	*Sandwich Centre, N. H.,*	36 E. C.
Wilkins, William Wilder	*South Danvers,*	Mr. Dickinson's.

SUMMARY.

SENIORS, - - -	30	FRESHMEN, - -	50
JUNIORS, - - -	58		
SOPHOMORES,- - -	64	TOTAL, - -	202

ADMISSION.

Candidates for admission to the Freshman Class are examined in the Grammar of the Latin and Greek Languages, Virgil, Cicero's Select Orations, and Sallust or Cæsar's Commentaries, Arnold's Latin Prose Composition, ten chapters, Xenophon's Anabasis and two Books of Homer's Iliad, Ancient Geography, English Grammar, Arithmetic, Algebra to Quadratic Equations, and two Books of Loomis's Geometry or of Playfair's Euclid. Real equivalents will be accepted instead of the text-books named.

Candidates for higher standing are examined in the same, and also in the studies gone over by the Class to which they may desire admission.

The stated times for examination are the Tuesday preceding Commencement, and the first day of the following Term. But in special cases, candidates may be examined and admitted at other times in the year, excepting that no admission to the Senior Class is allowed later than the beginning of the second term.

Previously to examination, the candidate must exhibit satisfactory testimonials, that he sustains a good moral character. If he has been a member of any other College, he will be expected to present a certificate of regular dismission.

No one can be admitted to the Freshman Class, until he has completed his fourteenth year; and no one to an advanced standing without a corresponding increase of age.

COURSE OF

STUDY AND INSTRUCTION.

FRESHMAN YEAR.

First Term.

- Livy.
- Homer's Odyssey.
- Arnold's Greek Prose Composition.
- Loomis's Geometry; third, fourth, and fifth books.
- Paley's Evidences.
- Lectures on Laws of Study, Laws of Health, &c.

Second Term.

- Cicero de Senectute, and de Amicitia.
- Felton's Selections: Greek History.
- Arnold's Greek Prose Composition.
- Arnold's Latin Prose Composition.
- Robinson's Algebra (new university edition.)

Third Term.

- Horace: Odes and Epodes.
- Greek Tragedy: Æschylus or Sophocles.
- Arnold's Prose Composition.
- Classical Mythology, and Grecian and Roman Antiquities, in Eschenburg's Manual of Classical Literature.
- Loomis's Plane and Spherical Geometry.
- Exercises in Elocution.

During the year. A weekly exercise in Declamation. Written Translations from the Ancient Languages. Exercises for physical culture, four days in the week.

SOPHOMORE YEAR.

First Term.

- Cicero: De Natura Deorum.
- Arnold's Latin Prose Composition.
- Roman History.
- Demosthenes: De Corona, or Select Orations.
- Loomis's Plane Trigonometry, Mensuration, Surveying, and Navigation.

Second Term.

- Xenophon: Memorabilia.
- Loomis's Spherical Trigonometry, Coffin's Conic Sections, and Analytical Geometry.
- Wells's Chemistry, and Lectures on Chemistry and Physiology.
- Greek Testament.

Third Term.

- Horace: Satires and Epistles; and Propertius.
- Roman History.
- Arnold's Latin Prose Composition.
- Snell's Olmsted's Philosophy: Mechanics commenced.
- Lectures on Chemistry and Physiology.
- French, or German.

During the year. Weekly Rhetorical Exercises: Declamations, Debates, English Compositions, and Written Translations. Exercises in physical culture.

JUNIOR YEAR.

First Term.

- Plato: Gorgias, or Apology and Crito.
- Practical Exercises in the Differential and Integral Calculus.
- Snell's Olmsted's Philosophy: Mechanics concluded, Hydrostatics.
- French or German continued.

Second Term.
- Tacitus: Germania and Agricola, and Histories.
- History of Roman Literature.
- Snell's Olmsted: Pneumatics, Acoustics, Electricity, Magnetism, Electro-Magnetism, and Optics.
- Whately's Rhetoric.
- Greek Testament.
- French or German continued.

Third Term.
- Homer's Iliad.
- History of Greek Literature.
- Snell's Olmsted's Astronomy.
- Greek Testament.
- Lectures on Botany.

DURING THE YEAR. Two weekly Rhetorical Exercises: Declamations, Debates, English Compositions. Exercises in physical culture.

SENIOR YEAR.

First Term.
- Hickok's Empirical Psychology, with Lectures and Discussions by the Class.
- Lectures on Zoology.
- Lectures on the Bible.
- Hitchcock's Geology, and Lectures on Geology.
- Guizot's History of Civilization.

Second Term.
- Hickok's Moral Science, with Lectures and Discussions.
- Butler's Analogy, with Lectures and Discussions.
- English Literature.
- Lectures on Mineralogy.
- Political Science, and Lectures on Public Economy.
- Lectures on Natural Theology.
- Lectures on History.

Third Term.
- Curtis's History of the Constitution of the United States.
- Schwegler's History of Philosophy.
- Elective Studies.

DURING THE YEAR. Exercises in Physical Culture.

EXERCISES.

There are three regular Recitations or Lectures daily, excepting Wednesday and Saturday, when there are two.

On every Wednesday afternoon, there is a public Exercise in Declamation, in which the classes speak by divisions, and for which they are prepared by private rehearsal before the Professor of Rhetoric, or the Instructor in Elocution. Seniors and Juniors deliver original Compositions.

Biblical Instruction is given to each class during some portion of every year.

Public Worship is attended in the Chapel every Sabbath; and Prayers morning and evening. Every Thursday evening there is a Religious Lecture by the President, or one of the Professors, which the students are invited, but not required to attend.

LECTURES.

First Term. Zoology, Mental Philosophy, Geology, Biblical Theology.

Second Term. Chemistry, History, Mineralogy, Public Economy, Moral Philosophy, Natural Theology.

Third Term. Anatomy and Physiology, illustrated by the Manikin, Chemistry, History of Philosophy, Botany.

Each Term. Rhetoric and English Literature, Natural Philosophy, Classical Literature.

EXAMINATIONS.

1. Oral Examinations of all the Classes, at or near the close of each Term, on the studies of the Term.

2. Written Examinations of all the Classes, near the close of each year, on the studies of the year.

A Record is kept by the Faculty of the attainments of every student, and also of his delinquencies. Information concerning his proficiency and deportment, is, when requested, communicated to the parent or guardian.

EXPENSES.

The following are the principal necessary expenses, exclusive of vacations:

Tuition, $12.00 per Term, - - - -	$36.00	$36.00
Room Rent, $3.00 per Term,* - - -	9.00	9.00
Recitation Rooms, and Ordinary Incidentals, $3.00 per Term, - - - - -	9.00	9.00
Fuel and Lights, from $9.00 to $11.00, -	9.00	11.00
Board, lowest price, $2.25 per week; highest price, $3.00; making per year of *thirty-eight* weeks, - - - - - -	85.50	114.00

The expenses for Room Rent, Fuel and Lights, are estimated on the supposition that two students occupy the same room.

In case of admission to an advanced standing, $5.00 per Term for the previous Terms will be required, unless such standing shall have been attained in another College. This charge is sometimes for special reasons, particularly in case of indigent students, remitted by the Prudential Committee.

There are some expenses which result from taxes voluntarily imposed by the classes or societies. These, and expenses for furniture, stationery, etc., will vary according to circumstances and the character and habits of the student.

In incidental expenses, if the parent or guardian furnishes money, or authorizes the contracting of debts, a student may be very extravagant. To guard against this, parents often deposit funds with some one approved by the Faculty, who, for a moderate compensation, will give particular attention to the pecuniary affairs of the student, and render an account of expenditures.

It is earnestly recommended to all parents and guardians, not to authorize the obtaining of credit, and not to pay debts unauthorized.

PAYMENTS.

The amount of the first Term Bill must be paid by each student on his admission. Each subsequent Term Bill becomes due at the close of the Term for which it is assessed. A bond with satisfactory surety for the payment of all the College Bills must be given by each student to the Treasurer, at the commencement of the Term when he enters.

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* For certain choice rooms, a higher price is paid.

ASSISTANCE TO BENEFICIARIES.

The regular Term Bills of beneficiaries of Charitable Associations, and other indigent young men preparing for the Christian Ministry, are chiefly paid from the fund appropriated to that purpose.

SCHOOL-KEEPING.

Students are allowed to teach school each year, twelve weeks, including the nearest vacation, if their pecuniary circumstances require it.

LIBRARIES.

The Libraries of the College and Literary Societies contain about 25,000 volumes. The College Library is accessible to all the students, according to rules established by the Library Committee. The Libraries belonging to the two Literary Societies are accessible to the members of the Societies, according to regulations established by themselves.

PHILOSOPHICAL CABINET.

The Apparatus for experiments in Natural Philosophy is arranged in No. 3, Chapel Building. It contains many original articles, and by its extent is adapted for a full course of experimental illustration.

THE LAWRENCE ASTRONOMICAL OBSERVATORY.

This is attached to one of the Cabinets of Natural History, and consists of a tower and transit room. The former has a revolving dome, containing a fine achromatic telescope mounted equatorially, of nine feet focal length, and seven and one-fourth inches in aperture, manufactured by Alvan Clark, Esq., of Cambridgeport. The transit room contains a transit circle, and an astronomical clock. The telescope of the transit circle has a focal length of about three feet. The circle was graduated by Gambey, of Paris.

CHEMICAL LABORATORY.

The whole lower story of Williston Hall, eighty feet by forty, is appropriated to a Laboratory, both for lectures and for analysis. These rooms have been fitted up with a valuable apparatus suitable for an extensive course of Chemical experiments.

CABINETS OF NATURAL HISTORY.

The College has now two large buildings, two stories in height, devoted to Natural History. The following collections are placed in them:

1. IN THE OCTAGONAL CABINET.

In the lower room, forty feet in diameter, is placed the *Woods Geological Cabinet*, which contains 20,000 specimens of American and foreign rocks and fossils. To this cabinet the *Sweetser Geological Lecture Room* is attached.

The upper room is devoted to the *Shepard Mineralogical Cabinet*, containing some 6,000 specimens of minerals, of the choicest character, fully arranged and labeled for study. Here also is displayed the largest collection of Meteorites in the world, not excepting that of the Imperial Cabinet at Vienna.

2. IN THE APPLETON CABINET.

This building, erected in 1855, by the Trustees of the will of the late Samuel Appleton, is one hundred and ten feet long, and forty-five feet wide, with a lecture room attached. The lower story contains the *Ichnological Cabinet*, presenting some 9,000 examples of tracks in stone. The upper room is devoted to the *Adams Zoological Cabinet*, containing 2,500 specimens of 700 species of vertebrated animals, 8,000 species of shells, 5,000 species of articulated animals, and 200 species of radiated animals; and an Herbarium, of more than 4,000 species of dried plants with the cuttings and seeds of tropical plants and trees, besides Prof. Tuckerman's private collection of Lichens, consisting of 800 species.

THE DICKINSON NINEVEH GALLERY.

In 1857, Enos Dickinson, Esq., of South Amherst, added a room to the Woods Cabinet, for the reception of the large collection of specimens obtained by Dr. Henry Lobdell from the ruins of ancient Nineveh and Babylon. Six large sculptured slabs are placed in the walls as they originally stood in the palace of Sardanapalus at Nimroud. Above them twenty-five fresco paintings of other figures found in the same ruins have been added. In the horizontal cases are cylinders and gems from the same cities, 1000 coins, ancient and modern, casts of medals, and relics of the American Indians. The Indian collection contains 1100 specimens.

The Society of Inquiry have a collection of articles, mostly sent by missionaries, illustrating the habits of various nations.

WILLISTON HALL.

This edifice, eighty feet by forty, with an elegant tower, erected by Hon. Samuel Williston, is appropriated to the following purposes: The lower story is the Chemical Laboratory. The second story consists of two rooms for the meetings and libraries of the Literary Societies. The third story forms a spacious hall for the meetings of the Alumni of the College, and other purposes.

GYMNASIUM.

This building was erected in 1860–1, and is furnished with ample and complete apparatus for gymnastic purposes. It is of stone, 70 feet in length and 50 in breadth, two stories high, with a good basement, and, in connection with the College grove and play-grounds in front of it, offers uncommon opportunities for physical exercise, culture and recreation.

NEW DEPARTMENT.

This was established by the Corporation, August, 1860, and is called "The professorship of Hygiene and Physical Education." Its design is to secure healthful daily exercise and recreation to all the students, to instruct them in the use of the vocal organs, movements of the body, and manners, as connected with oratory, and to teach them, both theoretically and practically, the Laws of Health. This daily physical training is a part of the regular College course. The Professor is an educated physician, and has not only a general oversight of the health of the College, but the students have the privilege of consulting him without charge. While the Gymnasium will furnish opportunities for the highest physical training, the required exercises will be such as can be performed without undue effort or risk of injury. The students almost universally take great pleasure in this department, and its good effects have surpassed the most sanguine expectations of its projectors and friends. In addition to the regular Gymnastic exercises, military drill has been instituted to assist in the physical training of college. This, as at present carried on, consists of the manual of arms with U. S. muskets, and the ordinary company movements.

SCHOLARSHIPS.

Several Scholarships have been established in the College, and are now available on the conditions specified by the Donors.

Two or three of these were founded by the bequest of Rev. Dr. Moore, the first President of the College, the receivers to be nominated by the Brookfield Association of Ministers; two or three others, under the will of the late Asahel Adams, Esq.; one from the young men of the First Evangelical Congregational Church in Cambridgeport; and six by Samuel A. Hitchcock, Esq., of Brimfield, Mass., who gave the College $10,000 as a foundation for the purpose. In designation and annual amount, they are nearly as follows:

The Moore Scholarships, $140 each; the Adams Scholarships, two of $50 each, and one about $20; the Cambridgeport Scholarship, from $100 to $150; and the Hitchcock Scholarships, $100 each.

PRIZES.

Prizes for Excellence in Writing and Speaking. For composition, to the Senior class, first prize, twenty-five dollars; the second, fifteen dollars. To the Junior class, first prize, twenty dollars; and the second prize, ten. For Declamations, to the Sophomore and Freshman classes, each, first prize, ten dollars; second prize, five.

The Hardy Prizes, for improvement in extemporaneous speaking. These are given by Alpheus Hardy, Esq., of Boston, and are as follows: First prize, fifty dollars; second prize, thirty dollars; third prize, twenty dollars.

The Mather Prizes. These are given by Hon. Henry Mather, of Binghamton, N. Y.; forty dollars for the best, and twenty dollars for the next best examination, both oral and written, in the Greek of the College course.

Latin Prizes. Thirty dollars for the best, and twenty for the next best examination, both oral and written in the Latin of Sophomore and Junior years.

Walker Prizes. For the best examination, both oral and written, in the Mathematics of the year, to the Sophomores a first prize of thirty dollars, a second of twenty, and a third of ten; to the Freshmen, a first prize of twenty-five dollars, and a second of fifteen dollars.

Phi Beta Kappa Prize. A prize of forty dollars given by the Phi Beta Kappa Society to a member of the Society for proficiency in the studies of the philosophical department during the Senior year, in such direction as the Faculty may from year to year determine.

Porter Prize. Established by Eleazar Porter, Esq., of Hadley. A prize of sixty dollars to the candidate who passes the best examination for admission to the Freshman Class. Together with the name of the successful candidate, the school at which he prepared for College, will be published in the Catalogue.

Woods Prize, for general culture and improvement, given by Hon. J. B. Woods, of Enfield. A prize of sixty dollars (in the words of the donor),

"To be awarded at the close of the College course to the member or members of the Senior class whose conduct has been the most meritorious in regard to punctuality, application to study, observance of law and order, courtesy to officers and fellow-students, and faithfulness in every duty; and who with hearty submission to the will of God as indicated in his revealed word and the physical and mental laws of their being, have, during their College course, made the most of their time, talents and opportunities in developing and improving their whole character physically, intellectually, socially and morally, as students and gentlemen."

A prize of forty dollars for the best comprehension of Butler's Analogy, including the Lectures and Explanations of the recitation room.

Also a first prize of forty dollars, and a second prize of twenty dollars, for the greatest improvement by *Seniors* on their *previous scholarship*. The awards to be made in each case, from the records of the recitation room, and from special examinations oral and written at the end of the year.

The Prizes for last year were awarded as follows:

COMPOSITIONS.

CLASS OF 1863.

First Prize, - - - -	Frederic B. Allen.
Second Prize, - - - -	Charles D. Adams.

CLASS OF 1864.

First Prize, - - - -	Charles M. Lamson.
Second Prize, - - - -	Fred. E. Sturgess.

DECLAMATIONS.

CLASS OF 1865.

First Prize, - - - - George D. Gray.
Second Prize, - - - - - Henry M. Tyler.

CLASS OF 1866.

First Prize, - - - - Charles R. Phipps.
Second Prize, - - - - Herbert L. Bridgman.

HARDY PRIZES.

CLASS OF 1863.

First Prize, - - - - Robert I. Jones.
Second Prize, - - - - George H. Wells.
Third Prize, - - - - Charles D. Adams.

MATHER PRIZES.

CLASS OF 1864.

First Prize, - - - - - F. G. McDonald.
Second Prize, - - - - James H. Lee.

LATIN PRIZES.

CLASS OF 1864.

First Prize, - - - - - F. G. McDonald.
Second Prize, - - - - James H. Lee.

WALKER PRIZES.

CLASS OF 1865.

First Prize, - - - - Frances H. Saylor.
Second Prize, - - - - James H. Eaton.
Third Prize, - - - - Joseph H. Sawyer.

CLASS OF 1866.

First Prize, - - - - - N. H. Gage.
Second Prize, - - - - - Samuel J. Dike.

PHI BETA KAPPA PRIZE.

CLASS OF 1863.

Charles D. Adams.

PORTER PRIZE.

CLASS OF 1867.

Elihu Root. Prepared for College at Williston Seminary.

CALENDAR.

TERMS AND VACATIONS.

	1863.
Winter Vacation commences - -	Tuesday, Nov. 24th.
	1864.
Winter Term commences - -	Wednesday, Jan. 6th.
Spring Recess " -	Wednesday, April 6th.
Summer Term " - -	Wednesday, April 13th.
Summer Vacation " - -	Friday, July 15th.
Fall Term " - -	Thursday, Sept. 1st.

PUBLIC OCCASIONS.

	1863.
Exhibition of Society of Inquiry, - -	Friday, Oct. 23d.
Fall Exhibition of Social Union, -	Monday, Nov. 23d.
	1864.
Junior Exhibition, - - -	Tuesday, April 5th.
Public Debate of Social Union, -	Wednesday, May 18th.
Prize Speaking of Athenian Society, -	Wednesday, June 1st.
Prize Speaking of Alexandrian Society, -	Wednesday, June 8th.
Class Day, - - -	Wednesday, June 15th.
Baccalaureate, - - -	Sunday, July 10th.
Prize Declamation, - - -	Monday, July 11th.
Address before the Society of Inquiry, -	Tuesday, July 12th.
Annual Meeting of Alumni, -	Wednesday, July 13th.
Annual Meeting of Literary Societies, -	" " "
Oration before the Literary Societies,	" " "
Commencement, - - -	Thursday, July 14th.

TABULAR VIEW

OF

COLLEGE EXERCISES.

SENIOR YEAR.

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Monday Morning	Mental Philosophy	Moral Philosophy	His. of Philosophy
" A. M.	Geology	Butler's Analogy	Constitutional Law
" P. M.	History	Lec. Mineralogy	Elective Studies
		" Eng. Lang.	
Tuesday Morning	Mental Philosophy	Moral Philosophy	His. of Philosophy
" A. M.	Geology	Butler's Analogy	Constitutional Law
" P. M.	History	Lec. Mineralogy	Elective Studies
		" Eng. Lang	
Wednesday Morning	Mental Philosophy	Moral Philosophy	His. of Philosophy
" A. M.	Geology	Nat. Theology	Constitutional Law
" P. M.	Original Dec.	Original Dec.	
Thursday Morning	Mental Philosophy	Moral Philosophy	His. of Philosophy
" A. M.	Lec. Zoology	Butler's Analogy	Constitutional Law
	" Geology		
" P. M.	History	Lec. Mineralogy	Elective Studies
		" Eng. Lang.	
Friday Morning	Mental Philosophy	Moral Philosophy	His. of Philosophy
" A. M.	Lec. Zoology	Butler's Analogy	Constitutional Law
	" Geology		
" P. M.	History	Lec. Mineralogy	Elective Studies
		" Eng. Lang.	
Saturday Morning	Mental Philosophy	Moral Philosophy	His. of Philosophy
" A. M.	Lec. Zoology	Lec. History	Constitutional Law
	" Geology	" Nat. Theology	

Instead of Lectures on Zoology, Lectures on the Bible for the first six weeks of the first term—Friday and Saturday A. M. Instead of Lectures on the English Language, Lectures on Political Science the last six weeks of the second term.

JUNIOR YEAR.

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Monday Morning	Greek	Physics	Greek
" A. M.	Physics	Modern Languages	Astronomy
" P. M.	Modern Languages	Latin	Botany
Tuesday Morning	Greek	Physics	Greek
" A. M.	Physics	Rhetoric	Astronomy
" P. M.	Modern Languages	Latin	Botany
Wednesday Morning	Greek	Latin	Greek
" A. M.	Lec. Physics	Lec. Physics	Lec. Physics
	" Rhetoric.	" Mineralogy	" Rhetoric
" P. M.	Orig. Declamation	Orig. Declamation	Orig. Declamation
Thursday Morning	Lec. Greek	Physics	Lec. Greek
" A. M.	Physics	Modern Languages	Astronomy
" P. M.	Modern Languages	Latin	Botany
Friday Morning	Greek	Physics	Greek
" A. M.	Physics	Rhetoric	Astronomy
" P. M.	Modern Languages	Latin	Botany
Saturday Morning	Greek	Latin	Greek
" A. M.	Lec. Physics	Lec. Physics	Lec. Physics
	Eng. Composition	" Rhetoric	" Rhetoric

Instead of Botany, Biblical Literature the first six weeks of the third term.

SOPHOMORE YEAR.

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Monday Morning	Latin	Mathematics	Latin
" A. M.	Mathematics	Greek	Mechanics
" P. M.	Greek	Chemistry	Modern Languages
Tuesday Morning	Latin	Mathematics	Latin
" A. M.	Mathematics	Greek	Mechanics
" P. M.	Greek	Chemistry	Modern Languages
Wednesday Morning	Latin	Mathematics	Latin
" A. M.	Mathematics	Greek	Roman History
" P. M.	Declamation	Declamation	Declamation
Thursday Morning	Latin Translations	English Comp.	English Comp.
" A. M.	Mathematics	Greek	Mechanics
" P. M.	Greek	Chemistry	Modern Languages
Friday Morning	Latin	Mathematics	Latin
" A. M.	Mathematics	Greek	Mechanics
" P. M.	Greek	Chemistry	Modern Languages
Saturday Morning	Elocution	Chemistry	Latin
" A. M.	Latin	Elocution	Elocution

Instead of Chemistry, Lectures on Chemistry and Physiology the last four weeks of the second term. Instead of Mechanics, Lectures on Chemistry and Physiology the first four weeks of the third term.

FRESHMAN YEAR.

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Monday Morning	Greek	Mathematics	Latin
" A. M.	Latin	Greek	Greek
" P. M.	Mathematics	Latin	Mathematics
Tuesday Morning	Greek	Mathematics	Latin
" A. M.	Latin	Greek	Greek
" P. M.	Mathematics	Latin	Mathematics
Wednesday Morning	Greek	Mathematics	Latin
" A. M.	Latin	Greek	Greek
" P. M.	Declamation	Declamation	Declamation
Thursday Morning	Greek	Mathematics	Latin
" A. M.	Latin	Greek	Greek
" P. M.	Mathematics	Latin	Mathematics
Friday Morning	Greek	Mathematics	Latin
" A. M.	Latin	Greek	Greek
" P. M.	Mathematics	Latin	Mathematics
Saturday Morning	Greek	Mathematics	Latin
" A. M.	Declamation	Lec. Mineralogy Declamation	Declamation

The last four weeks of the first term, Paley's Evidences in place of Mathematics. Several Lectures will be given in the course of the term on the Laws of Study, Laws of Health, &c., by the President. The first two weeks of the third term, instead of Latin, Eschenburg's Manual of Classical Literature.

THIS BOOK WILL
BE DUE

MAR 9 1970